BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2022-23/OW/WORK_INDENT53952

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/17/2022-23, Dated: 28-10-2022.

Name of Work: CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M/s. K R Constructions, Prop. Sri. C Mahesh	
				In Figures	In Words
1	2619.30	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	210.00	Rupees Two Hundred Ten Only
2	323.05	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	Cum	6320.00	Rupees Six Thousand Three Hundred Twenty Only
3	702.63	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	7200.00	Rupees Seven Thousand Two Hundred Only
4	44.41	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	T	104410.00	Rupees One Hundred Four Thousand Four Hundred Ten Only
5	1717.20	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work	Sqm	2150.00	Rupees Two Thousand One Hundred Fifty Only
6	264.30	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge	Sqm	5250.00	Rupees Five Thousand Two Hundred Fifty Only
7	645.00	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work	No	525.00	Rupees Five Hundred Twenty Five Only
8	101.50	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces.	Sqm	96.00	Rupees Ninety Six Only
9	693.25	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	270.00	Rupees Two Hundred Seventy Only

Signature of the Contractor

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M/s. K R Constructions, Prop. Sri. C Mahesh	
				In Figures	In Words
10	415.95	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2730.00	Rupees Two Thousand Seven Hundred Thirty Only
11	415.95	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 (M 5.0) Using 40 mm nominal size graded crushed coarse aggregates	Cum	5550.00	Rupees Five Thousand Five Hundred Fifty Only
12	415.95	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.	Cum	7450.00	Rupees Seven Thousand Four Hundred Fifty Only
13	4240.06	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 8 km	Cum	105.00	Rupees One Hundred Five Only
14	9.00	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	2900.00	Rupees Two Thousand Nine Hundred Only
15	69.84	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	1350.00	Rupees One Thousand Three Hundred Fifty Only
16	32.04	Providing Flush / Ruled/ Struck or weathered pointing Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineerin- charge	Sqm	150.00	Rupees One Hundred Fifty Only
17	6.96	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates with 20% partial replacement with Recycled concrete aggregate (RCA).	Cum	8200.00	Rupees Eight Thousand Two Hundred Only
18	834.75	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately).	Kgs	100.00	Rupees One Hundred Only
19	1.00	Providing Lubi make 15 HP 3 Phase dewatering submersible pump with outlet 6" LHP 61535 @ 8 mtrs 240 m3/hr=4000 lpm 15HP	No	200552.85	Rupees Two Hundred Thousand Five Hundred Fifty Two and Eighty Five Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of M/s. K R Constructions, Prop. Sri. C Mahesh	
				In Figures	In Words
20	15.00	Providing 160 mm PVC pipe 6 kg/sqcm	Mtr	920.00	Rupees Nine Hundred Twenty Only
21	5.00	Providing and fixing 160 mm PVC elbow	No	540.00	Rupees Five Hundred Forty Only
22	3.00	Providing and fixing 160 mm PVC collar	No	370.00	Rupees Three Hundred Seventy Only
23	2.00	Provding and fixing 160 mm PVC ball wall	No	4500.00	Rupees Four Thousand Five Hundred Only
24	1.00	Providing and fixing MS gate of size 0.6x0.6 mtr	No	9400.00	Rupees Nine Thousand Four Hundred Only
25	1.00	Providing MS cover with frame of size 0.9x0.9 mtr	No	8300.00	Rupees Eight Thousand Three Hundred Only
26	20.00	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 4 core 16sqmm	Mtr	157.05	Rupees One Hundred Fifty Seven and Five Paise Only
27	20.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm.	Mtr	12.44	Rupees Twelve and Forty Four Paise Only
28	30.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 V as per IS-694:2010. 3C x 6 mm2	Mtr	253.37	Rupees Two Hundred Fifty Three and Thirty Seven Paise Only
29	1.00	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor Above 12.5 HP upto 25 HP	Each	9046.08	Rupees Nine Thousand Forty Six and Eight Paise Only
30	22000.00	Fabricating supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.	Sqcm	0.40	and Forty Paise Only
31	1.00	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work.	Job	1400.00	Rupees One Thousand Four Hundred Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92